

Aditya Kodangattil

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EDUCATION

University of Delaware

Newark, DE

College of Engineering

May 2022

Bachelor of Science

Major: *Computer Science*

GPA: 3.81/4.00

Dean's List: Fall 2018, Spring 2019, Fall 2019, Spring 2020

EXPERIENCE

A.R. Pharma

Woburn, MA

Assistant

June 2017 – August 2017

- Shadowed lab technician and assisted her with various lab tasks such as autoclaving, running agarose gels, and pipetting to set up PCR reaction
- Assisted in cloning of human TIM3 in a mammalian expression vector
- Produced multiple samples of an antibody

PROJECTS

Yahoo Finance Web scraping

- Created using Python
- Created a program that retrieves information from any Yahoo Finance stock and manipulates it for the user
- The goal of this project is to receive an email when a user selected stock reaches a target price range

The Human Skeleton App

- Created using Flutter in Android Studio
- Created an Android app that has information about the different parts of the human skeleton

Brick Breaker Game

- Created using Python
- Created the classic arcade game Brick Breaker, a single player game where the user controls a rectangular object
- Goal is to keep a constantly moving ball afloat by manipulating the object's position so the ball will bounce off it

Firefighter Game

- Created using Racket in Dr. Racket
- Developed a game where the user controls an airplane that, when prompted, will release water onto the space below it, extinguishing fires that the game generates
- Goal of the game is to extinguish all the fires the game creates within the time limit

Antibody Sequence Analysis

- Created using Java
- Produced to assist in sequence analysis by highlighting CDRs given definitions and identifying potential liabilities in the sequence

SKILLS

- Skills: C++, Java, Python, Racket, Flutter, Javascript, Microsoft Office
- Languages: English (fluent), Malayalam (fluent)
- Interests: Intramural Basketball, Soccer, Volleyball, Tennis, Silicon Valley (T.V. Show), Health and Fitness